

Appl. No.: 10/825,871
Amndt. dated February 17, 2006
Reply to Office Action of November 22, 2005

BEST AVAILABLE COPY

Amendment to the Specification:

Please replace paragraphs [0018] and [0020] with the following amended paragraphs:

[0018] FIG. 2 is a process diagram of the prior art airflow control wherein the temperature control system 200 is regulated by a flow switch that controls the flow of air 205 utilizing a flow switch 210. The flow switch chooses between two discrete air flows, a first discrete air flow 230 representing an air flow designed to provide requisite temperature changes such as cooling and heating during CDA processing and a second air flow designed to provide the requisite temperature changes such as cooling and heating during the time that the CDA process is idle. The temperature of the dome 245 can be maintained at a predefined temperature as a result of the chosen air flow 240 on the basis of temperatures, selected using a thermostat 215 to provide uniform temperature gradients for substrate processing, and/or to maintain particular electrical properties in dome during processing and idling.

[0020] In FIG. 3, a process of the invention shows a temperature control system 300 wherein a clean dry air (CDA) flow ~~an airflow~~ controller 320 provides a continuous flow of CDA air 330. The CDA flow of air 330 is proportional to a range of temperatures to provide the requisite temperature changes such as cooling during the time that the CDA is processing or when the process is idle. The temperature of the dome 345 can be maintained at a predefined temperature as a result of the chosen CDA air flow 340 on the basis of temperatures, selected using temperature sensors 350, as summed by summing means 330 utilizing techniques well known to those skilled in the art of temperature control, to provide uniform temperature gradients for substrate processing, and/or to maintain particular electrical properties in dome during

Appl. No.: 10/825,871
Amtd. dated February 17, 2006
Reply to Office Action of November 22, 2005

processing and idling. Unlike the prior art, the present invention provides a continuous range of temperatures, which are dependant upon any number of selected temperature points of measurement wherein sensors 350 can determine temperature and serve as a control means 360 utilizing techniques well known to those skilled in the art of temperature control, to adjust CDA air flow through the CDA flow airflow controller 320.